| Index | c of C | Claims |  |
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|       |        |        |  |

| Application No. | Applicant(s)   |  |
|-----------------|----------------|--|
| 10/635,897      | LATIMER ET AL. |  |
| Examiner        | Art Unit       |  |
| Bruce A. Lev    | 3634           |  |

| , | Rejected | 1 | (Through numeral)<br>Cancelled |
|---|----------|---|--------------------------------|
|   | Allowed  | + | Restricted                     |

| N | Non-Elected  | Α | Appeal   |
|---|--------------|---|----------|
| ı | Interference | 0 | Objected |

| Claim Date     |          |   | 1::                  | : C   | Claim Date                                       |            |          | ]:::::[  | CI  | aim           | Date          |        |              |          |          |          |           |         |         |               |               |   |
|----------------|----------|---|----------------------|---|--|------------|----------|--|---|---------------|---------------|--------|--------------|----------|----------|----------|-----------|---------|---------|---------------|---------------|---|
|                |          |   |                      | 1   |  |            |          |  |   |               | <u></u>       |        | T            | Т        | Т        | Ť        | Ť         |         | П       |               |               |   |
| <del> </del>   | Original |   |                      | 1 1 1   |  | ∄ਾ         | Original |  | 11  |               |               |        | <del>-</del> | Original |          |          |           |         |         | 1 1           |               |   |
| Final          | įġ       | 12  |                      |   |  | Final      | ij       | 1 1 1 1  |   |               |               | ::::   | Final        | igi      |          |          |           |         |         |               |               |   |
| "              | ō/       | 15  |                      |   |  | "          | Ŏ        |  | 11  |               |               | :::::  | ۳.           | ŏ        |          |          |           |         |         |               | . 1           |   |
| -              |          |   |                      | 1 1 1   |  | :          | -        | +++  | ++  | ++            |               | -      |              | 404      | $\dashv$ | -+       | +         | +       | +       | $\vdash$      |               | _ |
|                | 1        | 4   |                      | +   |  | :          | 51       | +++  | ++  | ++            | +             | -      | <u> </u>     | 101      | -        | -+       | +         |         | +-      | $\vdash$      |               | _ |
|                | 2        | $\square$   |                      | +   |  | ::         | 52       | +++  | ++  | ++            | _             | -      |              | 102      | _        | -+       | -         |         |         | 1             | $\dashv$      |   |
| I              | 3        |   |                      | $\perp$   |  | :          | 53       | ++++   | $\perp$   | $\perp$       | _             | 4::::  | L            | 103      | $\dashv$ | 4        | _         | 4       | 1_      | $\sqcup$      | $\rightarrow$ | _ |
|                | 4        |   |                      |   |  | -          | 54       | $\sqcup \sqcup \sqcup$                           | 11  | $\perp \perp$ |               | 1      |              | 104      |          | _        |           | $\perp$ | 1       |               |               | _ |
|                | 5        |   |                      | $\bot$  |  | ::         | 55       | $\sqcup$   | $\bot\bot$  | $\perp \perp$ |               | _      |              | 105      |          |          |           | $\perp$ |         | $\sqcup$      | ightharpoonup |   |
|                | 6        | <b>L</b>  |                      |   |  | ::         | 56       |  | $\perp$   | $\perp$       |               | _]:::: | L            | 106      |          |          |           |         | 1       |               | $\Box$        |   |
|                | 7        | <b>y</b>  |                      |   |  | -          | 57       |  | $\perp$   | Ш             |               | _ :::: |              | 107      |          |          |           | $\perp$ |         |               |               |   |
|                | 8        | 7   |                      |   |  |            | 58       |  |   |               |               |        |              | 108      |          |          |           |         |         |               | أ             |   |
|                | 9        |   |                      | T-1   |  |            | 59       |  |   | $\Box$        |               | 7::::  |              | 109      |          | $\neg$   | $\neg$    | Т       |         |               | П             |   |
| П              | 10       | ПП  |                      |   |  |            | 60       |  |   | $\top$        | $\neg$        | 7::::  |              | 110      |          |          |           | Τ       | T       |               |               |   |
|                | 11       | 4   | $\neg \vdash$        |   |  |            | 61       |  |   | 77            |               | 7      |              | 111      | $\Box$   | $\neg$   | $\top$    | 十       | 1       | П             | 一             |   |
|                | 12       | 3   |                      | 1 1 1   |  |            | 62       | <del>                                     </del> | ++  | 11            |               | 7::::  |              | 112      |          | $\dashv$ | _         | $\top$  | T       | П             | $\sqcap$      |   |
|                | 13       | 1   | +                    | 1-1-1   |  |            | 63       | <del>                                     </del> | +   | 11            | $\dashv$      | 1::::  |              | 113      | $\dashv$ | $\dashv$ | +         | +       | $\top$  | Н             | $\sqcap$      |   |
| $\vdash$       | 14       | J   | ++                   | <del>     </del>  |  |            | 64       | <del>                                     </del> | ++  | ++            | +             | 7::::  | <b></b> -    | 114      | $\dashv$ | 十        | $\dashv$  | +       | +       | H             | $\dashv$      |   |
|                | 15       |   | ++                   | +++   |  |            | 65       | <del>                                     </del> | ++  | +             | +             | 1      |              | 115      | -        | 十        | +         | +       | +       | $\vdash$      | $\dashv$      |   |
| $\vdash$       | 16       | <del>  T   -  </del>                                    | <del>-   -   -</del> | +   | +  |            | 66       | +++  | +   | +             | $\dashv$      | 1      |              | 116      | $\dashv$ | $\dashv$ | +         | +-      | +-      | $\vdash$      | $\dashv$      |   |
| $\vdash$       | 17       | <del>  <b>                                   </b></del> | <del>- - -</del>     | +   | ++   | :-         | 67       | +++  | ++  | ++            | -+-           | -      | <b>-</b>     | 117      | $\dashv$ | $\dashv$ | +         | +       | +-      | $\vdash$      | -             |   |
|                |          | $H \rightarrow$   |                      | <del></del>   |  | :-         |          | +++  | ++  | +             |               | -{:::: |              |          |          | +        | -         | +       | +       | ╂─┤           | ⊢             |   |
| $\vdash$       | 18       | <del>  <b>b</b>      </del>                             |                      | <del>-   </del>   | <del>                                     </del> | -          | 68       | +  | ++  | ++            |               | -      | ├            | 118      | $\vdash$ | +        | +         | +       | +       | <del>  </del> |               |   |
| <b>  </b>      | 19       |   |                      | +   |  | :          | 69       | +++  |   | +-+           |               | 4::::  | <u> </u>     | 119      | $\sqcup$ |          | +         | +       | +       | $\vdash$      |               |   |
| $\vdash$       | 20       | 1   | -                    | 4-1-1   |  | =          | 70       | +++  | -+  | ++            |               | 4::::  | ļ            | 120      | $\sqcup$ | $\dashv$ | +         | +       | +       | $\vdash$      | $\dashv$      |   |
| $\sqcup$       | 21       | = _   |                      | 4-1-1   |  | :-         | 71       | +++  |   |               | - -           | 4      | <u> </u>     | 121      | $\sqcup$ | _        | $\perp$   | $\bot$  | $\bot$  | $\sqcup$      | Щ             |   |
| $\Box$         | 22       | <b>       </b>  |                      | $\bot \bot \bot$  |  | -          | 72       | $\Box$   |   | -             |               | 4      | <u> </u>     | 122      | Ш        | $\dashv$ |           | 4       | $\perp$ | Ш             | Ш             |   |
| $\perp$        | 23       | $\coprod$   | $\bot\bot$           | $\perp \perp \mid$  |  | <u> </u>   | 73       |  |   | $\bot \bot$   |               | 4      | <u> </u>     | 123      | Ш        |          |           | _       |         | Ш             | Ш             |   |
|                | 24       |   | $\perp$              |   |  | -          | 74       |  |   | $\perp \perp$ |               | _ :::: |              | 124      |          |          | $\perp$   |         | ┸       |               | Ш             |   |
|                | 25       |   |                      |   |  | -          | 75       |  |   | $\perp \perp$ |               | _      |              | 125      |          |          |           |         |         |               | $\Box$        | _ |
|                | 26       |   |                      |   |  |            | 76       |  |   |               |               |        |              | 126      |          |          |           |         |         |               |               |   |
|                | 27       |   |                      |   |  |            | 77       |  |   |               |               |        |              | 127      |          |          |           |         |         |               |               |   |
|                | 28       | ПП  |                      |   |  |            | 78       |  |   | $\top \top$   | Т             | 7::::  |              | 128      |          | $\Box$   | Т         |         | Т       |               |               |   |
|                | 29       |   |                      |   |  |            | 79       |  |   | $\sqcap$      |               |        |              | 129      |          | T        | $\neg$    |         | $\top$  | П             |               |   |
|                | 30       |   |                      |   |  |            | 80       |  |   |               |               | 7::::  |              | 130      |          | $\neg$   | $\neg$    |         | 1       | П             |               |   |
|                | 31       |   |                      |   |  |            | 81       |  | 111   | $\top$        |               | 7      |              | 131      | $\neg$   |          | $\neg$    | 1       | $\top$  | П             | $\Box$        | _ |
| $\vdash$       | 32       | <del>         </del>                                    | <del>-   -   -</del> | +   |  |            | 82       | <del>                                     </del> | 11  | 11            | $\dashv$      | 1::::  |              | 132      | $\Box$   | 寸        | 十         |         | 1       | Н             | $\vdash$      | _ |
| $\vdash$       | 33       | <del>       </del>                                      | +                    | + + -   |  |            | 83       | <del>                                     </del> | ++  | ++            | +             | 1:::   | <b></b>      | 133      | -        | $\dashv$ | $\dashv$  | 十       | +       | Н             | $\dashv$      |   |
| $\vdash$       | 34       | <del>                                     </del>        | +++                  | ╅   |  | -          | 84       | <del>                                     </del> | + +   | +             | +             | 1      | $\vdash$     | 134      | -        | $\dashv$ | $\dashv$  | 十       | +       | $\vdash$      | $\vdash$      |   |
| $\vdash$       | 35       | <del>      </del>                                       |                      | +   | <del>                                     </del> | $\vdash$   | 85       |  | +   | +             | $\dashv$      | 1::::  | $\vdash$     | 135      | $\dashv$ | $\dashv$ | +         | +       | +       | $\vdash$      | $\dashv$      |   |
| $\vdash\vdash$ | 36       | <del>╎╏</del> ╏╌┤                                       |                      | +   |  | $\vdash$   | 86       | <del>                                     </del> |   | ++            | +             | -      | $\vdash$     | 136      | $\vdash$ | $\dashv$ | -+        | +-      | ╫       | +             |               |   |
| $\vdash$       | 37       | <del>┞┋</del> ┼╌╌┤                                      | -+-                  | ++  | HH   | -          | 87       | ╂╾╂╼╂╾╋  | <del></del>   | ++            |               | -      | $\vdash$     | 137      | $\dashv$ | +        | +         | +       | +-      | Н             | $\vdash$      | _ |
| <u> </u>       |          | ╀┼┼   | +                    | +++   | $\vdash$   |            |          | +++  |   | +             | $\dashv$      | -      | <del> </del> |          | $\dashv$ | $\dashv$ | +         | +       | +-      | ⊢             | $\vdash$      | _ |
|                | 38       | <del>      </del>                                       | ++                   | +   | <del>-    </del>                                 |            | 88       | <del>                                     </del> | +   |               |               | -      | <u> </u>     | 138      |          | $\dashv$ | +         | +       | +-      | $\vdash$      | $\vdash$      | _ |
|                | 39       | <del>                                     </del>        |                      | ╫╫  |  |            | 89       | <del>   -   </del>                               | ++  | ++            |               | - :::: | <u> </u>     | 139      |          | +        | +         | 4       | +-      | ┦┤            | $\dashv$      |   |
| igsquare       | 40       | <del>                                     </del>        |                      | 4-1-1   |  |            | 90       | +++  | $\perp$   | +             | $\perp$       | 4      | ļ            | 140      | $\sqcup$ | _        | 4         | 4       | +       | Н             | Ш             |   |
| $\Box$         | 41       | -  -  |                      | +   |  | : <u> </u> | 91       | +++  |   | $\perp$       |               | 4      |              | 141      |          | _        | _         | 4       | $\bot$  | Ш             | Ш             |   |
| Ш              | 42       |   | +                    | +   |  |            | 92       | +  |   | 44            |               | 4      | <u> </u>     | 142      | $\sqcup$ | 4        | _         | 4       | _ _     | Ш             | Ш             |   |
|                | 43       |   |                      | $\bot$  |  | -          | 93       |  | $\perp$   | 44            |               |        |              | 143      |          | $\perp$  | $\perp$   |         |         | Ш             | Ш             |   |
|                | 44       |   |                      |   |  | <u> </u>   | 94       |  |   | $\perp \perp$ | $\perp$       | _      | <u> </u>     | 144      |          |          | ot        |         |         |               | Ш             |   |
|                | 45       | V   |                      | $\perp \!\!\! \perp \!\!\! \perp \!\!\! \perp \!\!\! \perp$ |  |            | 95       |  |   |               |               | أننال  |              | 145      |          | T        | $_{ m I}$ | $\prod$ |         |               | $\Box$        |   |
|                | 46       | V   |                      |   |  | :          | 96       |  | $\bot \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \! \!$ | $\Box$        |               | ]::::  |              | 146      |          | П        |           |         |         | П             | П             |   |
|                | 47       | ПП  |                      |   |  |            | 97       |  | $\top \top$   |               |               | 1      |              | 147      |          | $\neg$   | T         | 十       | 1       | П             | $\Box$        | _ |
|                | 48       |   |                      |   |  |            | 98       |  | TT  | $\top$        |               | 7::::  |              | 148      | П        | $\dashv$ | $\neg$    | $\top$  | 1       | $\sqcap$      | 一             | _ |
|                | 49       |   |                      | 1 1   |  |            | 99       |  | 11  | $\top$        | $\neg \vdash$ | 1      |              | 149      | $\Box$   | $\neg$   | +         | +       | $\top$  | Н             | $\sqcap$      |   |
| -              | 50       |   | $\dashv \vdash$      | 1-1-1   |  |            | 100      | <del>                                     </del> | ++  | 1             | $\top$        | 7      |              | 150      | H        | $\dashv$ | $\dashv$  | 十       | 1       | Н             | П             |   |